



10:54 AGERE
P.O. BOX 18 - Patenten 2
2280 HV Rijswijk (ZH)
+31 70 340 2040
TX 31661 epo nl
FAX +31 70 340 3016

IP LAW → 912159232189

European
Patent Office
Zweigstelle
in Den Haag
Recherche-
abteilung

European
Patent Office
hoch at
The Hague
Search
division

NO. 809 002
Office européen
des brevets
Département à
La Haye
Division de la
recherche

Watts, Christopher Malcolm Kelway,
Lucent Technologies (UK) Ltd,
5 Mornington Road
Woodford Green
Essex, IG8 0TU
GRANDE BRETAGNE

DP. IP DEPT.
12 MAR 2001
G.S.T.O.
C.M.K.W.
S.A.S.
DIARY
DOCKETS
RECEIPTS
CONF.

Datum/Date

13.03.01

Zeichen/Ref/Réf. Y.SUN 2	Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°. 00308559.4-2206-
Anmelder/Applicant/Demandeur/Patentinhaber/Propriétaire/Thulætre LUCENT TECHNOLOGIES INC.	

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

abstract

title

The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

3

REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.





European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 00 30 8559

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.)
X	<p>HIROYUKI YABUKI ET AL: "AN EXPERIMENTAL STUDY ON FREQUENCY SYNTHESIZERS USING PUSH-PUSH OSCILLATORS" IEICE TRANSACTIONS ON ELECTRONICS, JP, INSTITUTE OF ELECTRONICS INFORMATION AND COMM. ENG. TOKYO, Vol. E76-C, no. 6, 1 June 1993 (1993-06-01), pages 932-937, XP000389648 ISSN: 0916-8524 * page 932, column 2, line 21 - page 933, column 1, last line; figures 1-3 *</p> <p>---</p>	1-5, 9, 10	H03L7/099 H03B5/08
X	<p>EP 1 005 151 A (MATSUSHITA ELECTRIC IND CO LTD) 31 May 2000 (2000-05-31)</p> <p>* column 7, line 42 - column 8, line 30 *</p> <p>* column 9, line 13 - column 10, line 2 *</p> <p>* column 11, line 26 - column 12, line 10 *</p> <p>*</p> <p>* figures 3A, 3B, 5A, 5B, 8 *</p> <p>---</p>	1-5, 9, 10	
A		2-5	TECHNICAL FIELDS SEARCHED (Int.Cl.)
X	<p>US 4 810 976 A (COWLEY NICHOLAS P ET AL)</p> <p>7 March 1989 (1989-03-07)</p> <p>* column 2, line 25 - line 57 *</p> <p>* column 3, line 6 - line 27 *</p> <p>* column 3, line 59 - column 5, line 38;</p> <p>figures 1, 2, 5, 7 *</p> <p>---</p>	10	H03L H03B H03C
A		1-9	
The present search report has been drawn up for all claims			
1	Place of search	Date of completion of the search	Examiner
	THE HAGUE	6 March 2001	Balbinot, H
CATEGORY OF CITED DOCUMENTS		<p>T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document</p>	
<p>X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure F: intermediate document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 00 30 8559

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

06-03-2001

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1005151	A	31-05-2000	JP 2000223944 A JP 2000323931 A	11-08-2000 24-11-2000
US 4810976	A	07-03-1989	GB 2181914 A DE 3677375 D EP 0245337 A WO 8702842 A JP 7120897 B JP 63501837 T	29-04-1987 07-03-1991 19-11-1987 07-05-1987 20-12-1995 21-07-1988